Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 20 Mar 2023 until 23:59 on Tuesday 21 Mar 2023

Forecast Issued on Sunday 19 Mar 2023 at 15:31

Confidence: High becoming Medium in details from Wednesday.

Headline for Monday 20 Mar 2023: Occasional rain and low cloud then drier and brighter in the afternoon. Windy over the tops.

Mountain weather hazards on Monday 20 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Drizzle	Drizzle	Drizzle	Dull	Cloudy	Cloudy	Heavy Rain
Precipitation probability							
50%	70%	70%	50%	30%	20%	20%	50%

Forecast for Monday 20 Mar 2023

Weather: Outbreaks of rain and drizzle overnight. The rain and drizzle dying our during the morning, a few brighter spells possible in the afternoon. The rain could turn heavy again in the evening.

Chance of cloud-free hill tops above 600m: 20% rising to 70% in the afternoon, but lowering again in the evening

Low cloud and visibility: Extensive cloud, base 300 to 600m, lifting above the tops in the afternoon, before lowering again in the evening. Visibility moderate to very poor at first, becoming good or very good in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 20 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 SW	22/30 SW	22/30 SW	22/29 SW	22/30 SW	21/29 SW	18/25 SW	20/29 SW	22/31 S
300	13/20 S	16/24 S	15/23 SW	15/22 SW	15/23 SW	14/22 SW	11/19 SW	14/23 SW	15/25 S
Valley	7/18 S	9/22 S	9/21 SW	9/20 SW	11/22 SW	10/21 SW	8/18 SW	10/23 S	11/25 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	5/-1	6/1	6/2	8/4	8/4	8/4	8/3	7/2
300	5/1	6/2	7/4	8/5	10/7	11/9	10/8	10/7	9/6
Valley	6/3	6/4	8/5	9/7	11/9	12/10	11/9	10/8	10/7
Freezing Level*	2400m	2400m	2400m	2300m	2000m	1900m	2200m	2100m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Medium confidence for heavy rain later in the evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 19 Mar 2023	8.4mm	9.8mm	13.2mm

Forecast for Tuesday 21 Mar 2023

Weather: Outbreaks of heavy rain overnight. Skies beginning to brighten during the morning with occasional rain or showers, then mainly dry in the afternoon, perhaps a few sunny breaks developing. Further rain spreading in from the west late in the evening.

Maximum wind: Southwest 25mph gusting 35mph.

Chance of cloud-free hill tops above 600m: 30% rising to 90% in the afternoon.

Low cloud and visibility: Extensive cloud, base 300 to 600m, lifting and breaking above the summits in the afternoon. Visibility moderate to very poor at first, becoming good or very good in the afternoon.

Temperature: **Valleys:** Plus 7 Celsius rising to 13 Celsius
At 600m: Plus 4 to 7 Celsius
Freezing level: Above the summits

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